

**Cadastral Task Force**  
**Status Report**  
March 2004

The Cadastral Task Force committee has been working hard since the kick-off meeting on June 19, 2002. The Cadastral Task Force Committee members include:

Dave Burgei, Fairfield County GIS (Chair)  
Shoreh Elhami, Delaware County Auditor (Co-Chair)  
Patricia Moehring, City of Lebanon (Secretary)  
Rob Bondurant, ARS  
Mark Dann, ESRI Columbus  
Stu Davis, OGRIP  
Andrew Faley, PlanGraphics  
Brian Gara, OEPA  
Steve Helton, Buckeye Positioning  
Robert Mergel, Columbus State Community College  
Dallas Morlan, Columbus State Community College  
B. Ruth Raza, AEP  
Tim Schram, HLSE Engineers  
David Simon, ILGARD - Ohio University  
Lisa Swain, PlanGraphics, Inc.  
Dwight Tillis, P&L Systems, Ltd.  
Tom Woltz, Clark County Auditor's Office  
Lane Wood , OGRIP

Cadastral information refers to property interest. Cadastral data represents the geographic extent of the past, current, and future rights and interests in real property. The spatial information necessary to describe the geographic extent and the rights and interests includes surveys, legal description reference systems, and parcel-by-parcel descriptions.

Because parcels play an important role in many public and private sector activities, and parcel information is a basic ingredient of many applications, there is interest in providing multiple levels of cadastral data. These levels would be based on available data and customer requirements. The framework provides a means to link existing parcel data into the larger cadastral network.

The Cadastral Task Force was charged with the objective of reviewing the numerous approaches currently in place to support cadastral information for achieving a statewide program. The resulting approach will take into account the disparate levels of automation and technical requirements across the state.

The research and amount of data reviewed by this committee was extensive. This research included a review of the FGDC, Cadastral Data Content Standard for the National Spatial Data Infrastructure. Additional information and background materials were gathered from existing activities ongoing in other states, including Oregon and Montana. The committee also acquired vital information from experts in this field including Nancy Von Meyer who also works closely with the Bureau of Land Management (BLM).

A great deal of the committee's time was directed toward assisting with the creation of a statewide "County Profile" being developed by OGRIP. This profile will help define the baseline of cadastral information including: how the data is being maintained, what attributes are associated with the parcels, frequency of updates, whether geographic features are linked to the Computer Assisted Mass Appraisal (CAMA) database, and the structure of the Parcel Identification Number (PIN).

Based upon the research completed and preliminary information acquired on the level of cadastral information throughout the state, the task force has concluded the cadastral framework should focus and determine the minimum attributes required to aid with Homeland Security and Economic Development throughout the state. Because of the great variation and level of detailed cadastral information throughout the state, this task force recommends a basic or "CORE" set of attributes be developed and collected from every county. By starting with a CORE level of attributes, it provides the best opportunity to acquire a complete statewide cadastral layer. The Cadastral Task Force is recommending the following attributes be established as the CORE:

- County FIPS Code.
- Parcel Identifier (Unique ID per County)
- School District Name/Tax District Code
- Jurisdiction Name
- Site Address
- Deeded Acreage/lot Number/legal description (Township, Range, Section)
- Land Use Classification Code
- Latest Transfer Date (Based upon property transfer of owner)
- Valuation
  - Land
  - Improvements
  - Total
  - CAUV
- Building Size (Sq.Ft.)

The task force envisions the Short Term goal is to have the structure and ability to acquire these CORE attributes. This process should also evolve over time. The Short Term goal should include acquiring these attributes as part of a Cadastral Point Coverage. The Long Term goal of this committee includes adding attributes to the CORE dataset, and eventually storing the data in a Comprehensive Cadastral Coverage.

In a status report submitted in March of 2004, the Cadastral Task Force committee recommended to develop a pilot project or Business Case Model to test the practical aspects of acquiring this critical dataset.

To expand upon that recommendation, the task force began to analyze the data generated from the county profiles to determine suitable counties for the pilot project. Several thematic maps were produced from the database and submitted to the task force members for their review and recommendations. After the first review of this data, it was decided that several maps should be modified and a few additional maps were needed to assist with this process. Copies of these maps will be attached to this report.

At this time these maps are still under review, and it is expected the committee members will be making a recommendation on the counties selected very soon.

As part of this review process, the committee has recommended to OGRIP that 3 additional questions be added into the next version of the county profile. These questions include:

- Does your county have the CAMA Data in digital form or paper only?
- What percentage of your County's parcel layer is complete?
- Is the County's CAMA data available on-line?

Respectfully Submitted by:

Dave Burgei, Cadastral Task Force Chair